


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

| Title of Invention | METHOD FOR PROCESSING AN IMAGE USING DIFFERENCE WAVELET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------|--------------------------|-------------------|-----------|--------------|---|---------------|--------------------|------|------------|---------------|-------------------|------|------------|---------------|-------------------|-------|------------|---------------|------------------|-------|------------|------------|---------------------|------|------------|------------|----------------|-------|------------|------------|----------------|-------|------------|--------------|---------------------|------|------------|--------------|------------------|-------|------------|--------------|------------------|-------|------------|----------------|---------------------|-----|------------|----------------|--------------------|------|------------|----------------|--------------------|-------|------------|----------------------------|---------------------|------|------------|----------------------------|--------------------------------|------|------------|----------------------------|--------------------------------|-------|------------|----------------|------------------|-------|------------|----------------|------------------|-------|------------|------------------|--------------------|-------|------------|------------------|-------------------------|-------|------------|------------------|----------------------|-------|------------|------------------|----------|------|------------|------------------|-------------|-------|------------|------------------|---------------------|-------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|
| <div style="display: flex; justify-content: space-between;"> <div> <p>Submission Type : Utility Patent Filing</p> <p>Application Number: 10/604265</p> <p>EFS ID: 43032</p> <p>Server Response:</p> </div> <div style="text-align: center;">  </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>1264</td> </tr> </tbody> </table> | | | | Confirmation Code | Message | ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1 | 1264 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Confirmation Code | Message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICON1 | 1264 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"> <div> <p>First Named Applicant: Ming-Huang Kuo</p> <p>Attorney Docket Number: ACMP0056USA</p> <p>Timestamp: 2003-07-07 23:29:56 EDT</p> <p>From: us</p> </div> <div> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Doc. Name</th> <th style="width: 30%;">File Name</th> <th style="width: 15%;">Size (Bytes)</th> <th style="width: 35%;">Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-assignment</td><td>ACMP0056-usasn.xml</td><td>1427</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>us-assignment.xml</td><td>8983</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>ACMP0056ASS1.tif</td><td>71132</td><td>2003-07-07</td></tr> <tr><td>us-request</td><td>ACMP0056-usrequ.xml</td><td>1340</td><td>2003-07-07</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-07-07</td></tr> <tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2003-07-07</td></tr> <tr><td>us-fee-sheet</td><td>ACMP0056-usfees.xml</td><td>1992</td><td>2003-07-07</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2003-07-07</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>10901</td><td>2003-07-07</td></tr> <tr><td>us-declaration</td><td>ACMP0056-usdecl.xml</td><td>628</td><td>2003-07-07</td></tr> <tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2003-07-07</td></tr> <tr><td>us-declaration</td><td>us-declaration.xml</td><td>10015</td><td>2003-07-07</td></tr> <tr><td>us-power-of-attorney-grant</td><td>ACMP0056-uspoat.xml</td><td>1244</td><td>2003-07-07</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td>4923</td><td>2003-07-07</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xml</td><td>12448</td><td>2003-07-07</td></tr> <tr><td>us-declaration</td><td>ACMP0056DEC3.tif</td><td>93234</td><td>2003-07-07</td></tr> <tr><td>us-declaration</td><td>ACMP0056DEC4.tif</td><td>77592</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>ACMP0056-trans.xml</td><td>14426</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-07-07</td></tr> </tbody> </table> </div> </div> | | | | Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | us-assignment | ACMP0056-usasn.xml | 1427 | 2003-07-07 | us-assignment | us-assignment.xml | 8983 | 2003-07-07 | us-assignment | us-assignment.dtd | 10898 | 2003-07-07 | us-assignment | ACMP0056ASS1.tif | 71132 | 2003-07-07 | us-request | ACMP0056-usrequ.xml | 1340 | 2003-07-07 | us-request | us-request.dtd | 19064 | 2003-07-07 | us-request | us-request.xml | 33300 | 2003-07-07 | us-fee-sheet | ACMP0056-usfees.xml | 1992 | 2003-07-07 | us-fee-sheet | us-fee-sheet.xml | 24912 | 2003-07-07 | us-fee-sheet | us-fee-sheet.dtd | 10901 | 2003-07-07 | us-declaration | ACMP0056-usdecl.xml | 628 | 2003-07-07 | us-declaration | us-declaration.dtd | 3833 | 2003-07-07 | us-declaration | us-declaration.xml | 10015 | 2003-07-07 | us-power-of-attorney-grant | ACMP0056-uspoat.xml | 1244 | 2003-07-07 | us-power-of-attorney-grant | us-power-of-attorney-grant.dtd | 4923 | 2003-07-07 | us-power-of-attorney-grant | us-power-of-attorney-grant.xml | 12448 | 2003-07-07 | us-declaration | ACMP0056DEC3.tif | 93234 | 2003-07-07 | us-declaration | ACMP0056DEC4.tif | 77592 | 2003-07-07 | application-body | ACMP0056-trans.xml | 14426 | 2003-07-07 | application-body | us-application-body.xml | 83497 | 2003-07-07 | application-body | application-body.dtd | 49498 | 2003-07-07 | application-body | wipo.ent | 4956 | 2003-07-07 | application-body | mathml2.dtd | 54588 | 2003-07-07 | application-body | mathml2-qname-1.mod | 13225 | 2003-07-07 | application-body | isoamsa.ent | 5191 | 2003-07-07 | application-body | isoamsb.ent | 3988 | 2003-07-07 | application-body | isoamsc.ent | 1460 | 2003-07-07 | application-body | isoamsn.ent | 5620 | 2003-07-07 | application-body | isoamso.ent | 1934 | 2003-07-07 | application-body | isoamsr.ent | 7073 | 2003-07-07 |
| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | ACMP0056-usasn.xml | 1427 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | us-assignment.xml | 8983 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | us-assignment.dtd | 10898 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | ACMP0056ASS1.tif | 71132 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | ACMP0056-usrequ.xml | 1340 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.dtd | 19064 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.xml | 33300 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | ACMP0056-usfees.xml | 1992 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.xml | 24912 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.dtd | 10901 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | ACMP0056-usdecl.xml | 628 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | us-declaration.dtd | 3833 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | us-declaration.xml | 10015 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-power-of-attorney-grant | ACMP0056-uspoat.xml | 1244 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-power-of-attorney-grant | us-power-of-attorney-grant.dtd | 4923 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-power-of-attorney-grant | us-power-of-attorney-grant.xml | 12448 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | ACMP0056DEC3.tif | 93234 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | ACMP0056DEC4.tif | 77592 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | ACMP0056-trans.xml | 14426 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | us-application-body.xml | 83497 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | application-body.dtd | 49498 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | wipo.ent | 4956 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | mathml2.dtd | 54588 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | mathml2-qname-1.mod | 13225 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsa.ent | 5191 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsb.ent | 3988 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsc.ent | 1460 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsn.ent | 5620 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamso.ent | 1934 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsr.ent | 7073 | 2003-07-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) |
|------------------|---------------------|--------------|--------------------------|
| application-body | isogr3.ent | 3559 | 2003-07-07 |
| application-body | isomfrk.ent | 4553 | 2003-07-07 |
| application-body | isomopf.ent | 2571 | 2003-07-07 |
| application-body | isomscr.ent | 4628 | 2003-07-07 |
| application-body | isotech.ent | 5268 | 2003-07-07 |
| application-body | isobox.ent | 3568 | 2003-07-07 |
| application-body | isocyr1.ent | 5345 | 2003-07-07 |
| application-body | isocyr2.ent | 2504 | 2003-07-07 |
| application-body | isodia.ent | 1508 | 2003-07-07 |
| application-body | isolat1.ent | 5282 | 2003-07-07 |
| application-body | isolat2.ent | 9007 | 2003-07-07 |
| application-body | isonum.ent | 5913 | 2003-07-07 |
| application-body | isopub.ent | 6621 | 2003-07-07 |
| application-body | mmlextra.ent | 7901 | 2003-07-07 |
| application-body | mmalias.ent | 38209 | 2003-07-07 |
| application-body | soextblx.dtd | 12870 | 2003-07-07 |
| application-body | acmp0056usa-01.tif | 7828 | 2003-07-07 |
| application-body | acmp0056usa-02.tif | 11836 | 2003-07-07 |
| us-declaration | ACMP0056DEC1.tif | 94342 | 2003-07-07 |
| us-declaration | ACMP0056DEC2.tif | 91144 | 2003-07-07 |
| package-data | ACMP0056-pkda.xml | 9424 | 2003-07-07 |
| package-data | package-data.dtd | 27025 | 2003-07-07 |
| package-data | us-package-data.xsl | 19263 | 2003-07-07 |
| Total files size | | 1013491 | |

Message Digest:

fe9c2491ab29c2a87de4c83deefca82f38686cb5

Digital Certificate Holder
Name:

cn=Winston Hsu,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US